

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference BP105358	FOR FURTHER ACTION See Form PCT/IPEA/416																	
International application No. PCT/FI 2003/000033	International filing date (<i>day/month/year</i>) 17-01-2003	Priority date (<i>day/month/year</i>) 18-01-2002																
International Patent Classification (IPC) or national classification and IPC G06F 3/033																		
Applicant Nokia Corporation et al.																		
<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>4</u> sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input type="checkbox"/> (<i>sent to the applicant and to the International Bureau</i>) a total of _____ sheets, as follows:</p> <p><input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (<i>sent to the International Bureau only</i>) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p> <p>4. This report contains indications relating to the following items:</p> <table> <tbody> <tr> <td><input checked="" type="checkbox"/></td> <td>Box No. I Basis of the report</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. II Priority</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. IV Lack of unity of invention</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VI Certain documents cited</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VII Certain defects in the international application</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VIII Certain observations on the international application</td> </tr> </tbody> </table>			<input checked="" type="checkbox"/>	Box No. I Basis of the report	<input type="checkbox"/>	Box No. II Priority	<input type="checkbox"/>	Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability	<input type="checkbox"/>	Box No. IV Lack of unity of invention	<input checked="" type="checkbox"/>	Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	<input type="checkbox"/>	Box No. VI Certain documents cited	<input type="checkbox"/>	Box No. VII Certain defects in the international application	<input type="checkbox"/>	Box No. VIII Certain observations on the international application
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Date of submission of the demand 14-08-2003	Date of completion of this report 30-03-2004
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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/FI 2003/000033

Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

This report is based on a translation from the original language into the following language _____ which is the language of a translation furnished for the purposes of:

international search (under Rules 12.3 and 23.1(b))

publication of the international application (under Rule 12.4)

international preliminary examination (under Rules 55.2 and/or 55.3)

2. With regard to the elements of the international application, this report is based on (*replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report*):

the international application as originally filed/furnished

the description:

pages _____

as originally filed/furnished

pages* _____

received by this Authority on _____

pages* _____

received by this Authority on _____

the claims:

pages _____

as originally filed/furnished

pages* _____

as amended (together with any statement) under Article 19

pages* _____

received by this Authority on _____

pages* _____

received by this Authority on _____

the drawings:

pages _____

as originally filed/furnished

pages* _____

received by this Authority on _____

pages* _____

received by this Authority on _____

a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

3. The amendments have resulted in the cancellation of:

the description, pages _____

the claims, Nos. _____

the drawings, sheets/figs _____

the sequence listing (specify): _____

any table(s) related to the sequence listing (specify): _____

4. This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

the description, pages _____

the claims, Nos. _____

the drawings, sheets/figs _____

the sequence listing (specify): _____

any table(s) related to the sequence listing (specify): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims <u>2-3, 11, 17-18</u>	YES
	Claims <u>1, 4-10, 12-16, 19-28</u>	NO
Inventive step (IS)	Claims <u> </u>	YES
	Claims <u>1-28</u>	NO
Industrial applicability (IA)	Claims <u>1-28</u>	YES
	Claims <u> </u>	NO

2. Citations and explanations (Rule 70.7)

Document cited in the International Search Report:

D1: US 6211856
 D2: US 6073036
 D3: JP 09 091486 abstract

The problem to be solved by the invention is how to make inputs from a keyboard shown at a small touch screen in a mobile device.

D2, which is considered to be the most relevant document, shows a mobile phone with a touch screen having an input area and an output area, see column 8, lines 53-58 and figure 5A. In column 10, lines 31-38 it is said that the output part of the display need not be touch sensitive, but it is not said that the output area is not a touch sensitive area. Therefore, the output area is considered to be touch sensitive. On the input area of the screen is a plurality of symbols displayed. When touching the symbol area the touched portion of the display is magnified and a symbol can be selected. The selected symbol is then shown in the output area.

D1 relates to a mobile device with a touch screen displaying a collection of icons at a scale in which the individual functions of each icon is recognizable, but too small to access individual features of the function. When touching an area of the screen including an icon, the screen provides a zoomed version of that area so that the user can select a desired feature. D1 is not showing that there is an output area, but in the case of a PDA (see figure 1 A-C) there must

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Supplemental Box

In case the space in any of the preceding boxes is not sufficient.
Continuation of: Box V

be an output area not shown.

D3 is showing the state of the art.

The invention according to claims 1, 4-10, 12-16 and 19-28 is considered to lack novelty in view of both D2 and D1.

The invention according to claims 2-3 and 17-18 relates to manipulating the input and output area sizes. In D2 (see figure 5D) there is known a display with an input and an output area. To make it possible to manipulate the size of these areas must be an obvious measure for a person skilled in the art and therefore, the invention according to claims 2-3 and 17-18 has no inventive step.

The invention according to claim 11 is considered to be obvious for a person skilled in the art knowing D2 and D1.

Therefore, the invention according to claims 1, 4-10, 12-16 and 19-28 lacks novelty and the invention according to claims 2-3, 11 and 17-18 is considered to lack an inventive step. The invention according to claims 1-28 is considered to have industrial applicability.